

A RADIAL COMPLIANCE OF A COMPRESSOR

Abstract

The present invention discloses a radial compliance of a compressor. Inside the compressor has a plurality of motion components relative to compressing operation. An oil-storing space is configured on the transmission member, oil is normally in the oil-storing space and splashed out via centrifugal force and inertia while the compressor initially being started for lubrication in advance. The motion components comprises a transmission shaft, an orbiting scroll member and a fixed scroll member, and a transmission member installed between the transmission shaft and the orbiting scroll member and a gap being between the transmission shaft and the orbiting scroll member, the orbiting scroll member being capable of leaking pressure automatically by means of the gap for damaging, to combine the transmission shaft and the orbiting scroll member via the transmission member being to function that the transmission shaft moving with the transmission member simultaneously in a same direction.